

## CLAIMS

I claim:

1. A multi-purpose speed square comprising:
  - an elongate blade having a T-shaped slot therethrough, said handle T-shaped slot having a base, said T-shaped slot having an L-shape at the base of said T-shaped slot;
  - a handle having two opposite ends, a bottom end and a top end, said handle top end having a handle thumbscrew hole therethrough, said handle being boltably attached through said handle thumbscrew hole to said blade through said blade T-shaped slot, said handle bottom end having a handle support pin bore therein, said handle having a handle cavity through which said blade can move; and
  - a handle support pin detachably connectable to said handle, said handle support pin disposable within said handle support pin bore.
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2. The multi-purpose speed square of claim 1 further comprising:
  - a handle thumbscrew detachably connectable to said handle, said handle thumbscrew disposed within said handle thumbscrew hole, said handle thumbscrew disposed within said blade T-shaped slot.
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3. The multi-purpose speed square of claim 1 further comprising:
  - a blade thumbscrew clamp detachably connectable to said blade, said blade thumbscrew clamp disposed within said blade T-shaped slot.

4. The multi-purpose speed square of claim 1 further comprising:  
wherein said handle top end having a handle lock pin hole therethrough;  
wherein said blade having a blade angular lock pin hole therethrough; and  
a lock pin detachably disposed within said handle lock pin hole, said lock  
pin detachably disposed within said blade angular lock pin hole.
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5. The multi-purpose speed square of claim 1 wherein:  
said handle having four finger grip recesses therein.
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6. The multi-purpose speed square of claim 1 further comprising:  
a horizontal bubble level connected to said handle.
7. The multi-purpose speed square of claim 1 further comprising:  
a vertical bubble level connected to said handle.
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8. The multi-purpose speed square of claim 1 wherein:  
said blade having dimension indicia thereupon.
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9. The multi-purpose speed square of claim 1 wherein:  
said blade having angular indicia thereupon.
10. The multi-purpose speed square of claim 1 wherein:

said blade is beveled adjacent to said blade T-shaped slot.

11. The multi-purpose speed square of claim 1 further comprising:  
an angle plate disposed between said handle and said blade, said angle  
plate having an angle plate tang which is slidably disposed within said blade T-  
shaped slot.  
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12. A multi-purpose speed square comprising:  
an elongate blade having a T-shaped slot therethrough, said handle T-  
shaped slot having a base, said T-shaped slot having an L-shape at the base of said  
10 T-shaped slot;  
a handle having two opposite ends, a bottom end and a top end, said  
handle top end having a handle thumbscrew hole therethrough, said handle being  
boltably attached through said handle thumbscrew hole to said blade through said  
blade T-shaped slot, said handle bottom end having a handle support pin bore  
therein, said handle having a handle cavity through which said blade can move;  
15 a handle support pin detachably connectable to said handle, said handle  
support pin disposable within said handle support pin bore;  
a handle thumbscrew detachably connectable to said handle, said handle  
thumbscrew disposed within said handle thumbscrew hole, said handle  
thumbscrew disposed within said blade T-shaped slot; and  
20 a blade thumbscrew clamp detachably connectable to said blade, said  
blade thumbscrew clamp disposed within said blade T-shaped slot.

13. The multi-purpose speed square of claim 12 further comprising:  
wherein said handle top end having a handle lock pin hole therethrough;  
wherein said blade having a blade angular lock pin hole therethrough; and  
5 a lock pin detachably disposed within said handle lock pin hole, said lock  
pin detachably disposed within said blade angular lock pin hole.

14. The multi-purpose speed square of claim 13 wherein:

said handle having four finger grip recesses therein.

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15. The multi-purpose speed square of claim 14 further comprising:  
a horizontal bubble level connected to said handle; and  
a vertical bubble level connected to said handle.

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16. The multi-purpose speed square of claim 15 wherein:  
said blade having dimension indicia thereupon.

17. The multi-purpose speed square of claim 16 wherein:  
said blade having angular indicia thereupon.

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18. The multi-purpose speed square of claim 17 wherein:  
said blade is beveled adjacent to said blade T-shaped slot.

19. The multi-purpose speed square of claim 18 further comprising:  
an angle plate disposed between said handle and said blade, said angle  
plate having an angle plate tang which is slidably disposed within said blade T-  
shaped slot.

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20. A multi-purpose speed square comprising:
- an elongate blade having a T-shaped slot therethrough, said handle T-shaped slot having a base, said T-shaped slot having an L-shape at the base of said
- T-shaped slot, said blade having a blade angular lock pin hole therethrough, said
- blade having dimension indicia thereupon, said blade having angular indicia
- thereupon, said blade is beveled adjacent to said blade T-shaped slot;
- a handle having two opposite ends, a bottom end and a top end, said
- handle top end having a handle thumbscrew hole therethrough, said handle being
- boltably attached through said handle thumbscrew hole to said blade through said
- blade T-shaped slot, said handle bottom end having a handle support pin bore
- therein, said handle having a handle cavity through which said blade can move,
- said handle top end having a handle lock pin hole therethrough, said handle
- having four finger grip recesses therein;
- a handle support pin detachably connectable to said handle, said handle
- support pin disposable within said handle support pin bore;
- a handle thumbscrew detachably connectable to said handle, said handle
- thumbscrew disposed within said handle thumbscrew hole, said handle
- thumbscrew disposed within said blade T-shaped slot;
- a blade thumbscrew clamp detachably connectable to said blade, said
- blade thumbscrew clamp disposed within said blade T-shaped slot;
- a lock pin detachably disposed within said handle lock pin hole, said lock
- pin detachably disposed within said blade angular lock pin hole;

a horizontal bubble level connected to said handle; and

a vertical bubble level connected to said handle.